

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009126.D
 Acq On : 09 Mar 2017 03:23
 Operator : SJ/MA
 Sample : I2062-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK7

Quant Time: Mar 09 04:52:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	404	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1326	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	857	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	118342	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1919	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	93000	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	534	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1538	0.00	ng/ul	0.00

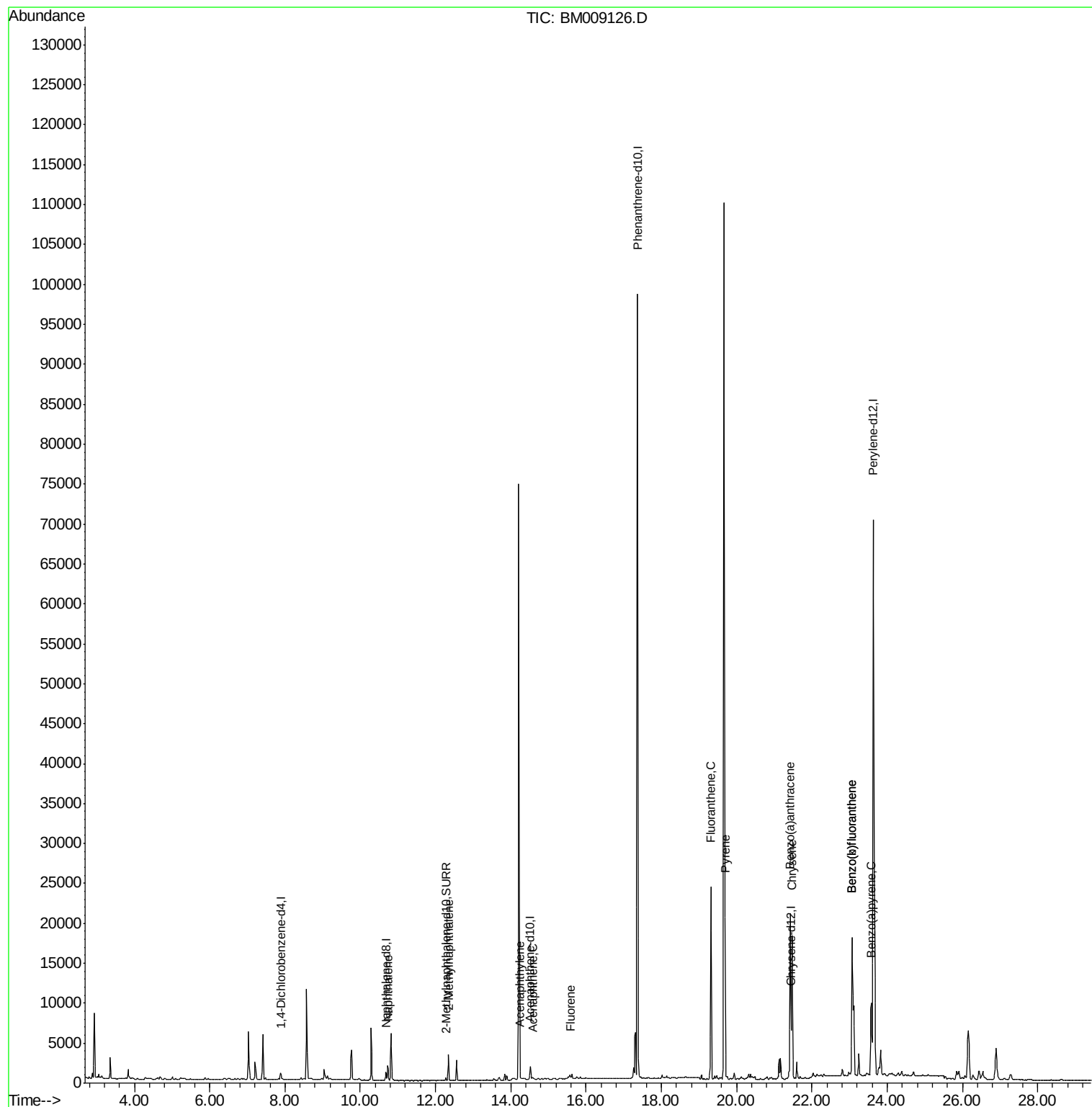
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	2530	0.66	ng/ul	99
5) 2-Methylnaphthalene	12.34	142	2010	0.73	ng/ul	100
7) Acenaphthylene	14.25	152	1022	0.23	ng/ul#	86
8) Acenaphthene	14.57	153	211	0.06	ng/ul#	80
9) Fluorene	15.58	166	402	0.10	ng/ul#	92
15) Fluoranthene	19.32	202	24884	0.05	ng/ul	94
17) Pyrene	19.69	202	23746	3.60	ng/ul	95
18) Benzo(a)anthracene	21.42	228	18407	2.89	ng/ul	96
19) Chrysene	21.47	228	19969	3.30	ng/ul	95
21) Benzo(b)fluoranthene	23.07	252	22933	0.06	ng/ul	85
22) Benzo(k)fluoranthene	23.07	252	38800	0.12	ng/ul#	87
23) Benzo(a)pyrene	23.58	252	14159	0.04	ng/ul#	78

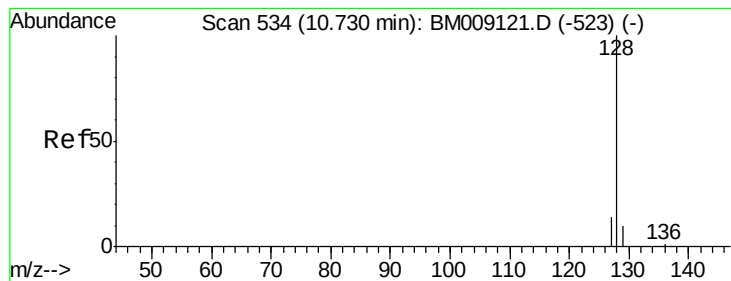
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.66 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009126.D

Acq: 09 Mar 2017 03:23

Instrument :

BNA_M

ClientSampleId :

C0AK7

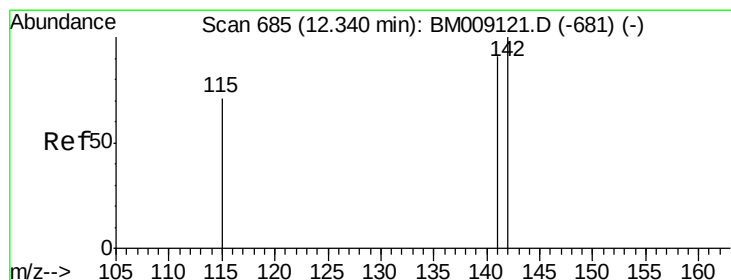
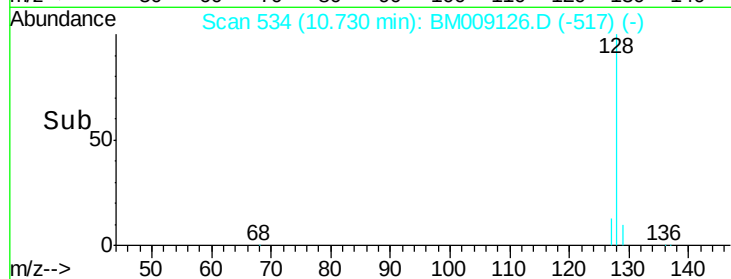
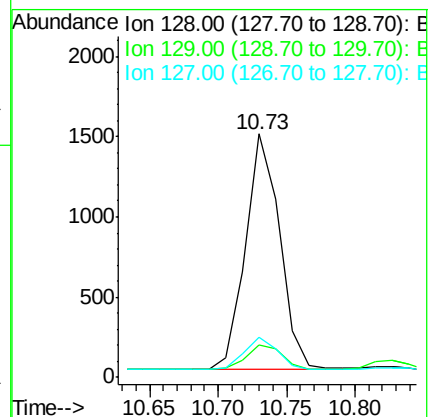
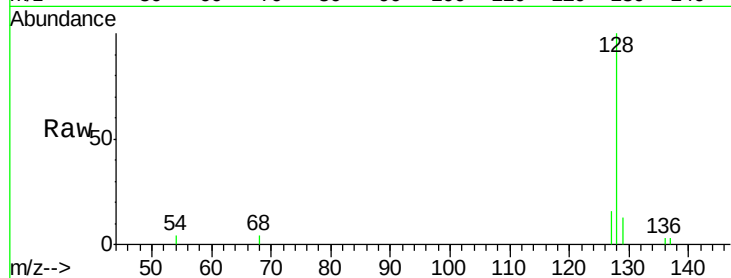
Tgt Ion:128 Resp: 2530

Ion Ratio Lower Upper

128 100

129 13.4 11.3 16.9

127 16.3 12.8 19.2



#5

2-Methylnaphthalene

Concen: 0.73 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009126.D

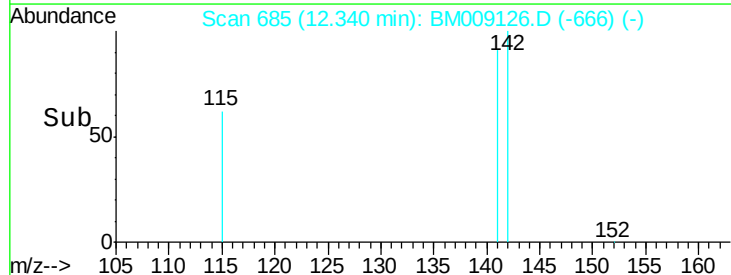
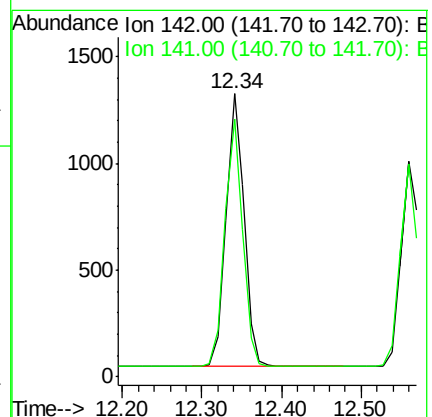
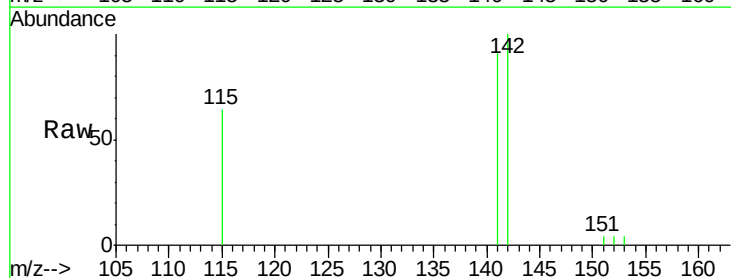
Acq: 09 Mar 2017 03:23

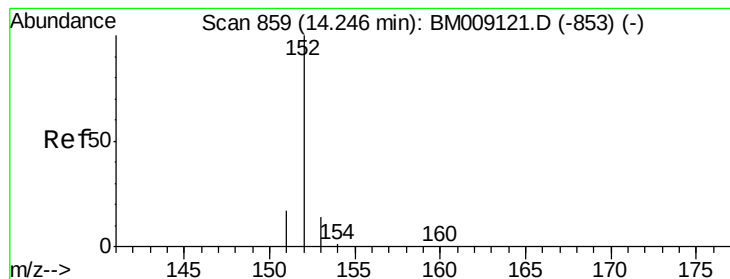
Tgt Ion:142 Resp: 2010

Ion Ratio Lower Upper

142 100

141 90.3 72.6 108.8





#7

Acenaphthylene

Concen: 0.23 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM009126.D

Acq: 09 Mar 2017 03:23

Instrument :

BNA_M

ClientSampleId :

C0AK7

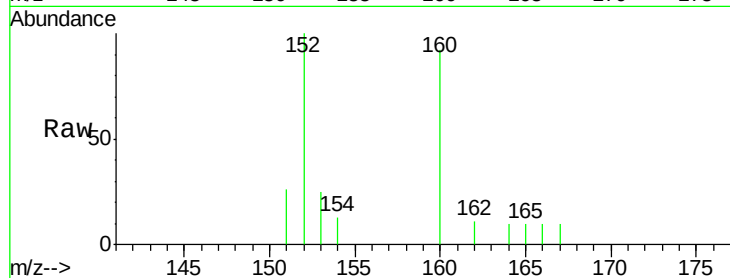
Tgt Ion:152 Resp: 1022

Ion Ratio Lower Upper

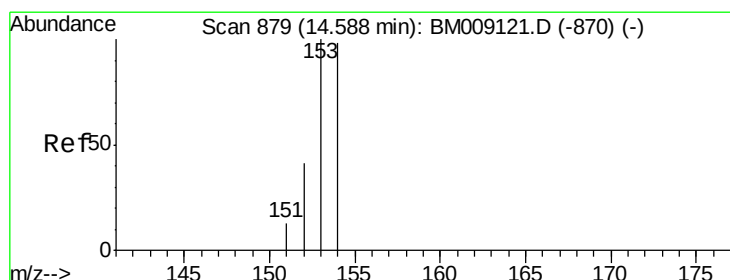
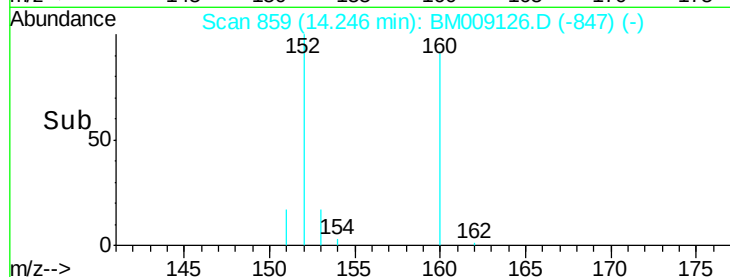
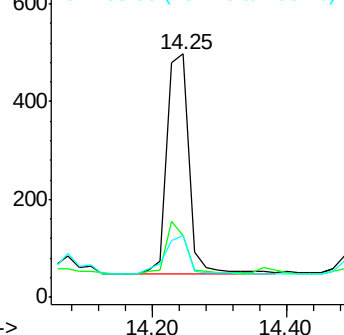
152 100

151 25.5 17.1 25.7

153 25.3 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.06 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. -0.02 min

Lab File: BM009126.D

Acq: 09 Mar 2017 03:23

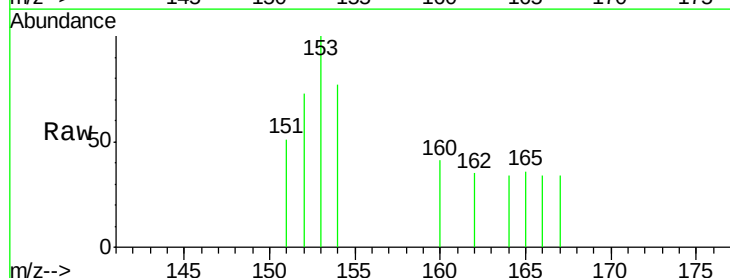
Tgt Ion:153 Resp: 211

Ion Ratio Lower Upper

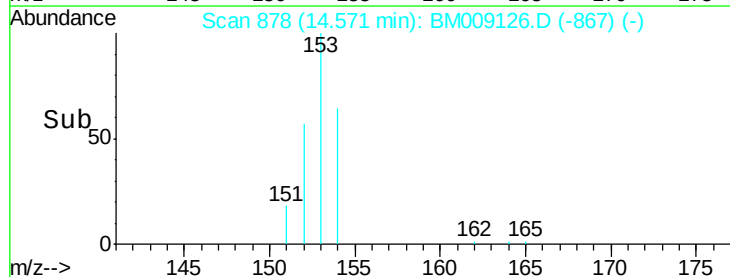
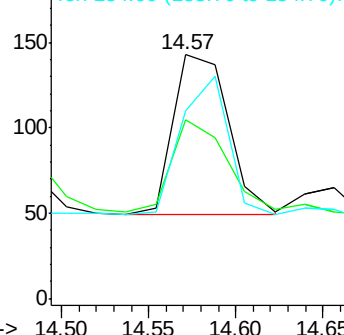
153 100

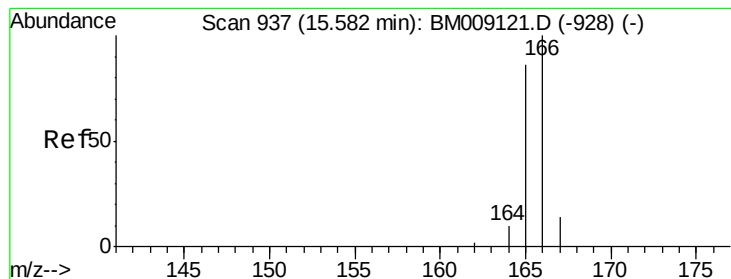
152 73.4 40.3 60.5#

154 76.9 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.10 ng/ul

RT: 15.58 min Scan# 937

Delta R.T. 0.00 min

Lab File: BM009126.D

Acq: 09 Mar 2017 03:23

Instrument :

BNA_M

ClientSampleId :

C0AK7

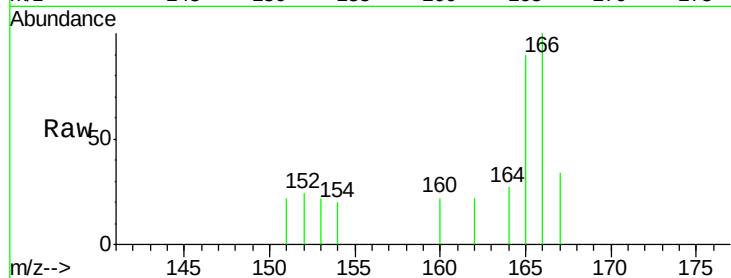
Tgt Ion:166 Resp: 402

Ion Ratio Lower Upper

166 100

165 89.8 73.4 110.2

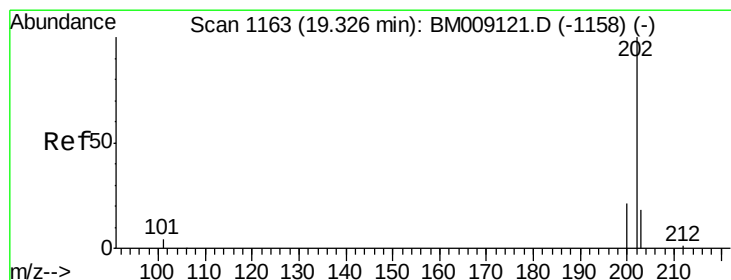
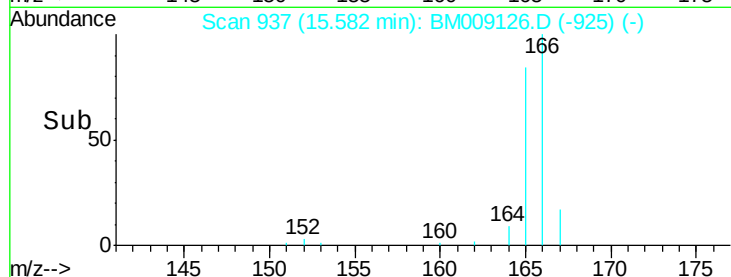
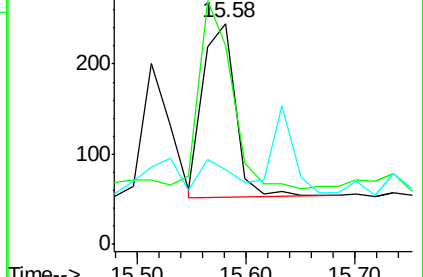
167 33.9 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#15

Fluoranthene

Concen: 0.05 ng/ul

RT: 19.32 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BM009126.D

Acq: 09 Mar 2017 03:23

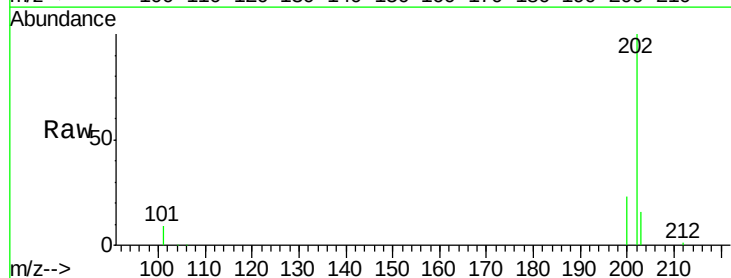
Tgt Ion:202 Resp: 24884

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.3

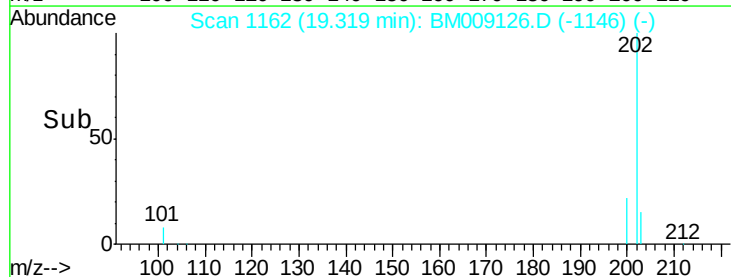
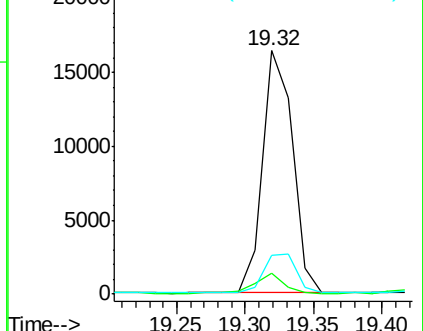
203 16.1 0.0 39.5

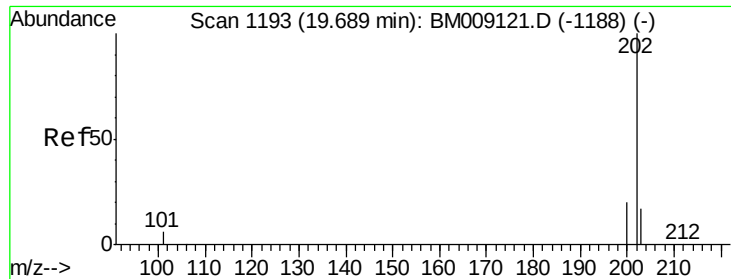


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

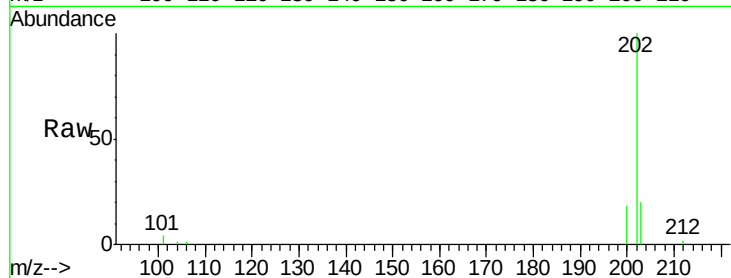




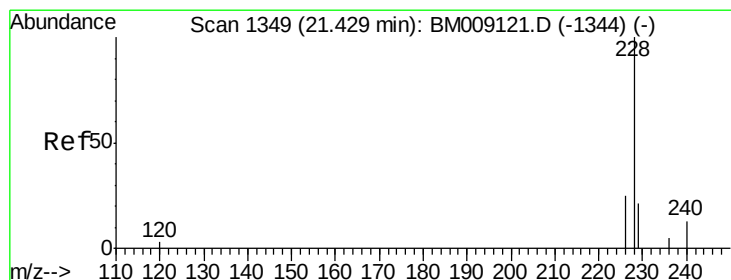
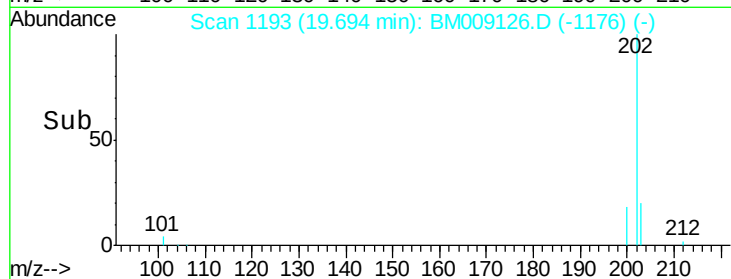
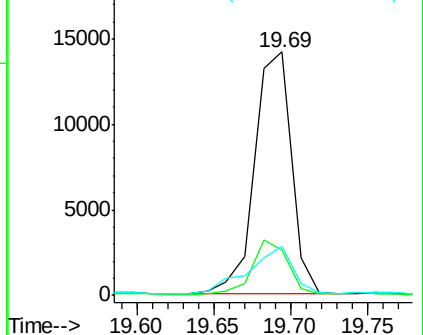
#17
Pyrene
Concen: 3.60 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

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ClientSampleId :
C0AK7

Tgt Ion: 202 Resp: 23746
Ion Ratio Lower Upper
202 100
200 18.5 18.2 27.4
203 20.0 15.6 23.4

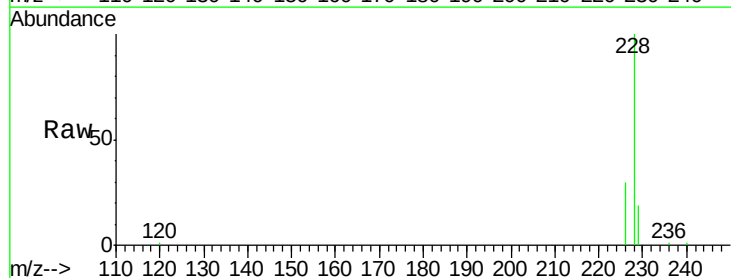


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

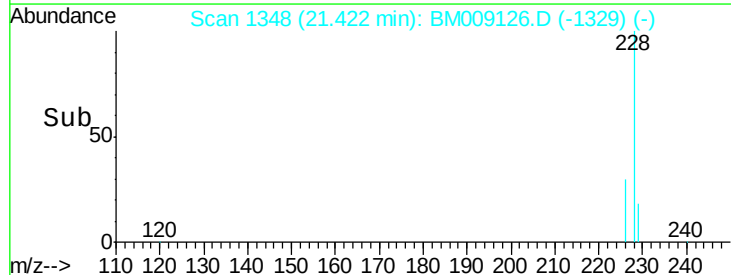
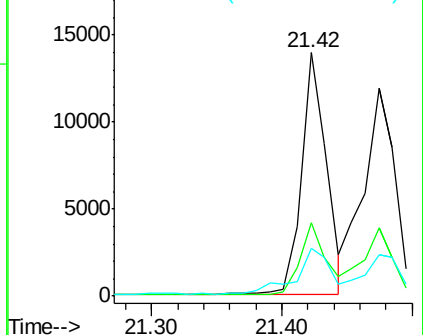


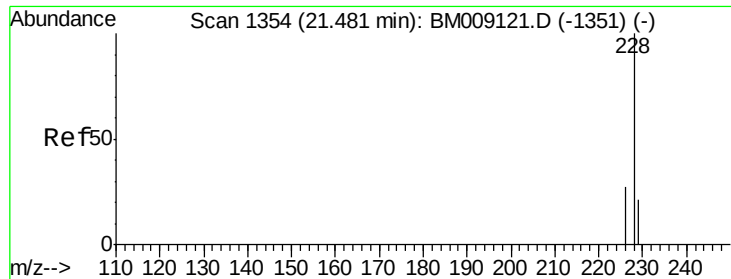
#18
Benzo(a)anthracene
Concen: 2.89 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion: 228 Resp: 18407
Ion Ratio Lower Upper
228 100
226 30.3 22.8 34.2
229 19.5 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 3.30 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM009126.D

Acq: 09 Mar 2017 03:23

Instrument :

BNA_M

ClientSampleId :

C0AK7

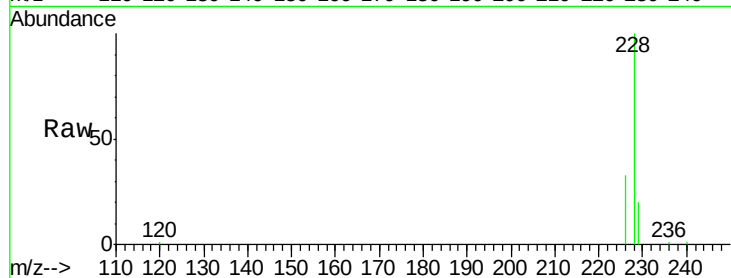
Tgt Ion:228 Resp: 19969

Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

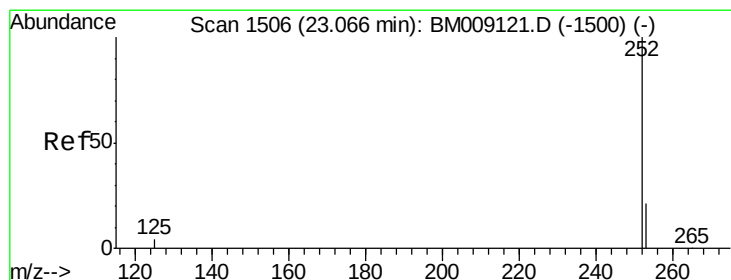
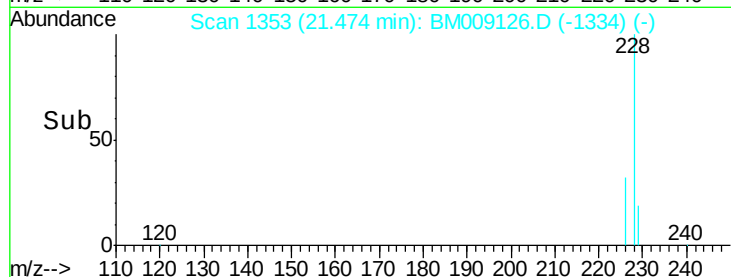
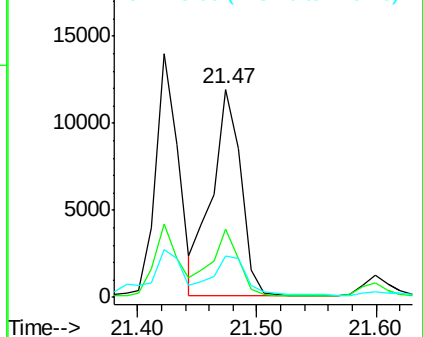
229 20.1 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BM009126.D

Acq: 09 Mar 2017 03:23

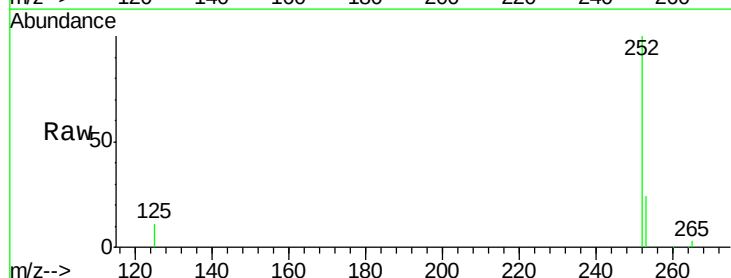
Tgt Ion:252 Resp: 22933

Ion Ratio Lower Upper

252 100

253 23.6 0.0 64.2

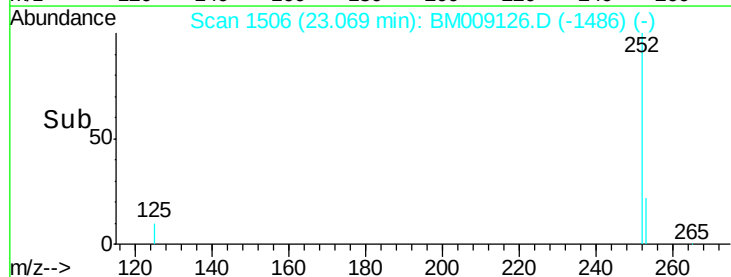
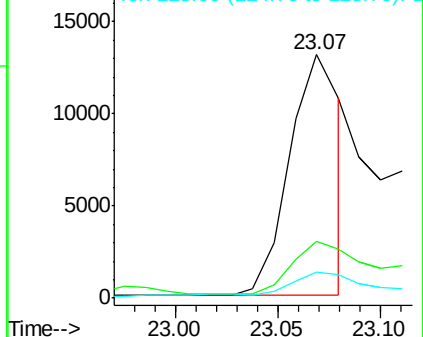
125 10.9 0.0 35.0

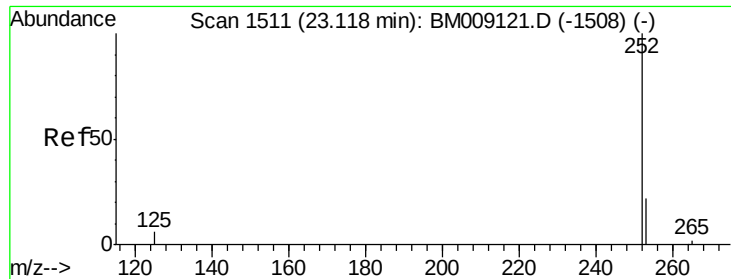


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

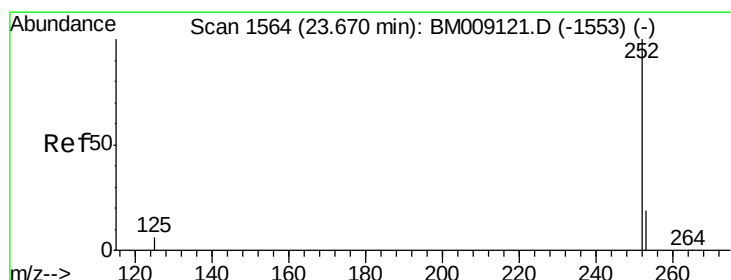
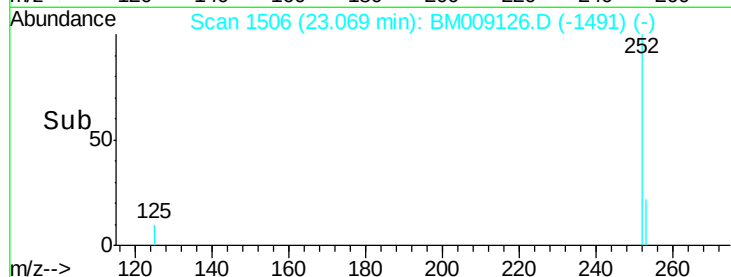
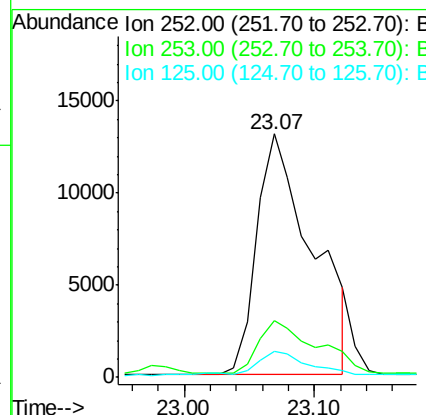
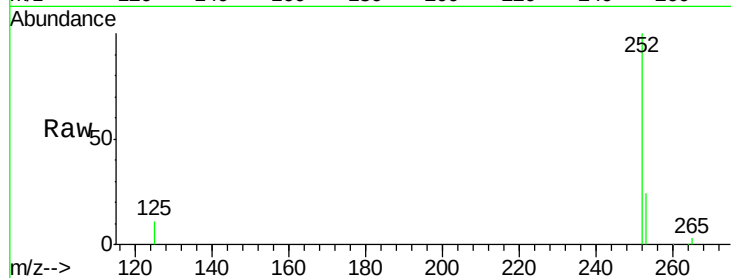




#22
Benzo(k)fluoranthene
Concen: 0.12 ng/uL
RT: 23.07 min Scan# 1506
Delta R.T. -0.05 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

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BNA_M
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Tgt Ion: 252 Resp: 38800
Ion Ratio Lower Upper
252 100
253 23.6 24.5 36.7#
125 10.9 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.04 ng/uL
RT: 23.58 min Scan# 1555
Delta R.T. -0.09 min
Lab File: BM009126.D
Acq: 09 Mar 2017 03:23

Tgt Ion: 252 Resp: 14159
Ion Ratio Lower Upper
252 100
253 25.3 28.5 42.7#
125 9.1 18.1 27.1#

